

# EVLS Hazard•Gard®

## Compact & Rugged, Class I, Zone 1, Div. 1 Explosionproof Luminaire

Cl. I, Div. 1, Group B (with suffix GB), C, D  
Cl. I, Zone 1, Group IIB + H<sub>2</sub> (with suffix GB)  
Cl. II, Cl. III & Simultaneous Presence

UL and cUL Listed  
Wet locations (UL1598)  
Marine locations (UL1598A)  
Type 4X, IP66

**4L**

A compact, affordable, explosionproof luminaire that has the best overall temperature performance ratings in its class!

Eaton's Crouse-Hinds EVLS Hazard•Gard® is perfect as a general area lighting workhorse where space constraints exist. EVLS Hazard•Gard® is easy to install, 175 watts and less, has select options that are just right for your budget — AND it's Class I, Division 1, Group B with GB option!

### Applications:

Eaton's Crouse-Hinds EVLS Hazard•Gard Lighting Fixtures are used for general lighting and task lighting in:

- Areas where flammable or explosive vapors or gases are present
- Confined spaces or heavy process industry facilities
- Petroleum refineries; chemical, petrochemical and pharmaceutical plants; oil terminals; gas plants
- Waste treatment facilities
- Drilling platforms and other coastal and offshore hazardous areas

### Features:

- Compact and rugged - a Division 1 luminaire that fits in tight spaces
- Smooth turning two start Acme threads for mounting modules and globe attachments save time and eliminate installation damage
- Quick-connect design facilitates easy installation and saves money - install and wire the mounting module, and then screw in luminaire to make the electrical connection
- Best overall T-rating in the industry for a medium-base HID lamp - use in elevated ambient and illuminate the most volatile areas of your facility - optimal safety in your high-risk areas
- Factory-sealed - wired and sealed with no external sealing fittings required in Groups B, C, and D
- An adapter module is available for direct connection to existing Hazard•Gard modules such as the EV22 ceiling mount

### Certification & Compliances:

UL (844) and cUL Listed (CSA C22.2 No. 137) for:

- Class I, Division 1, Groups B (with suffix GB), C, D
- Class I, Zone 1, Group IIB + H<sub>2</sub> (with suffix GB)
- Class II, Class III & Simultaneous Presence
- Wet locations (UL1598), Marine locations (UL1598A), Type 4X, IP66

### Standard Materials:

- Bodies, mounting modules and cast guards – copper-free aluminum
- Wire guard – stainless steel
- Globe – heat- and impact-resistant glass
- Gaskets – silicone and neoprene

### Standard Finishes:

- Epoxy powder coat paint

### Ratings (Electrical Size):

#### Sources/Wattages:

- HID Medium Base (initial offering)  
HPS: 50, 70, 100, 150 watt  
Metal Halide: 70, 100, 175 watt  
Pulse Start Metal Halide: 150, 175 watt

#### Voltages:

- Multi-tap (120, 208, 240, 277V/60 Hz)
- 480V/60 Hz
- Tri-tap (120, 277, 347V/60 Hz)
- 220V/60 Hz
- 220/240V (or 230V)/50 Hz

#### Transformer Types:

- HX-HPF Standard
- CWA Standard on 175W  
CWA Constant Wattage Autotransformer  
CWI Constant Wattage Insulation Transformer  
Available for HPS and MH, for most voltages and wattages (Additional voltages available on request.)

#### Conduit Entries:

- 3/4" and 1" NPT – pendant, ceiling and wall mount
- 1 1/2" NPT – stanchion

### Options:

- | Description              | Suffix |
|--------------------------|--------|
| • Instant Restrike (HPS) | IR     |
| • Ballast-Gard™ (HPS)    | BG     |
| • Group B Suitability    | GB     |

### Accessories:

- | Description       | Suffix        |
|-------------------|---------------|
| • Dome Reflector  | RD725         |
| • Angle Reflector | RA725         |
| • Guard           | EV502 or P515 |



Two Start Acme Threads



Quick Connect Design



Adapter Module Available

4L

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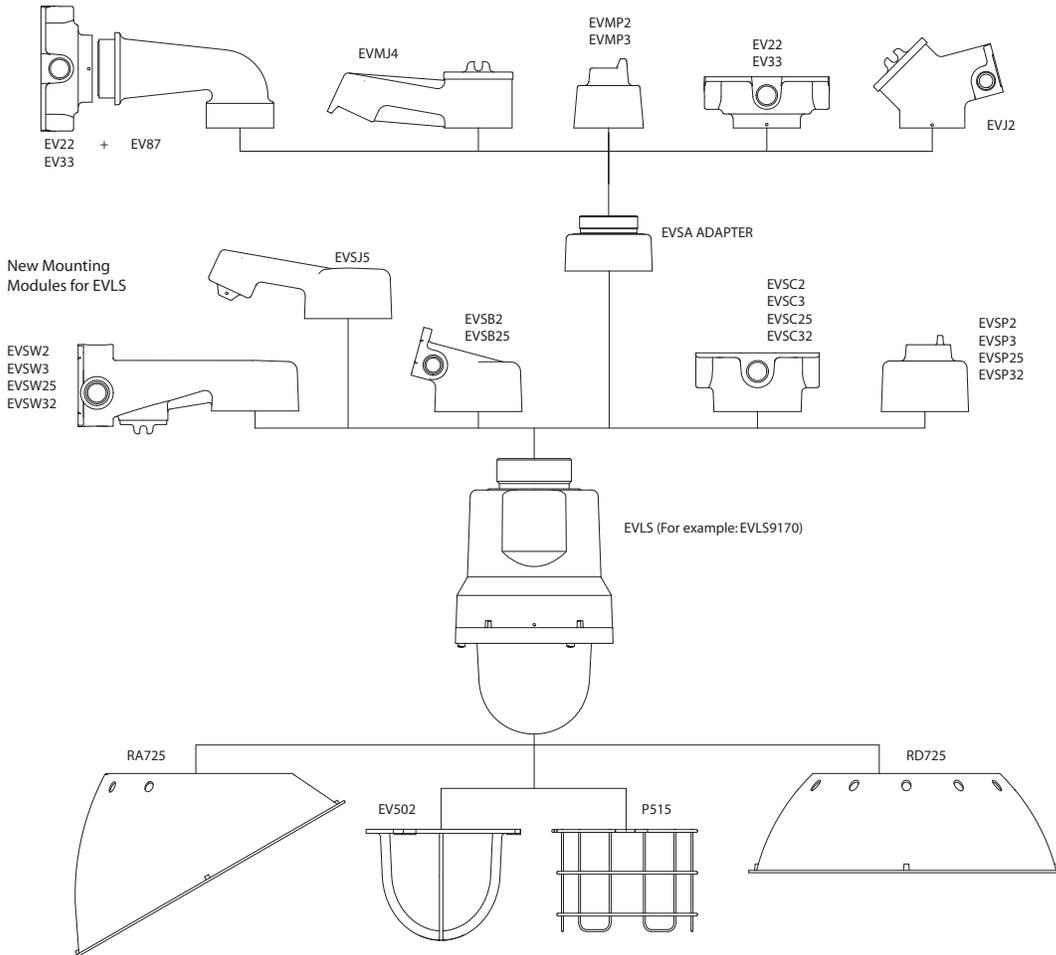
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## Mounting Modules:

Existing For EVI, EVLP, EVM (must use EVSA adapter)			New Mounting Modules	
Type	Conduit	Catalog Number	Conduit	Catalog Number
Adapter		<b>EVSA</b>		
Pendant	¾"	<b>EVMP2</b>	¾"	<b>EVSP2</b>
	1"	<b>EVMP3</b>	1"	<b>EVSP3</b>
			25mm	<b>EVSP25</b>
			32mm	<b>EVSP32</b>
Ceiling & Wall Box	¾"	<b>EV22</b>	¾"	<b>EVSC2</b>
	1"	<b>EV33</b>	1"	<b>EVSC3</b>
			25mm	<b>EVSC25</b>
			32mm	<b>EVSC32</b>
Wall Bracket Arm	Use EV22 or EV33 box with	<b>EV87</b>	¾"	<b>EVSW2</b>
			1"	<b>EVSW3</b>
			25mm	<b>EVSW25</b>
			32mm	<b>EVSW32</b>
Stanchion	1¼"	<b>EVMJ4</b>	1½"	<b>EVSJ5</b>
Bulkhead	1¼"	<b>EVJ2</b>	¾"	<b>EVS2</b>
			25mm	<b>EVS25</b>

## Family Tree:

Existing Mounting  
Modules used on  
EVI, EVLP, EVM  
(must use EVSA adapter)



4L